



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 115307

TO: Rei-Tsang Shiao
Location: Rem 5a10 / 5c18
Thursday, February 26, 2004
Art Unit: 1626
Phone: 272-0707
Serial Number: 10 / 664145

From: Jan Delaval
Location: Biotech-Chem Library
Rem 1A51
Phone: 272-2504

jan.delaval@uspto.gov

Search Notes

Jan Belaval
for search

Access DB# 115307

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Robert (Rab) Shaw Examiner #: 79521 Date: 2/24/04
 An Unit: 1626 Phone Number: 2-0707 Serial Number: 10664145
 Mail Box and Bldg/Room Location: 5A70 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

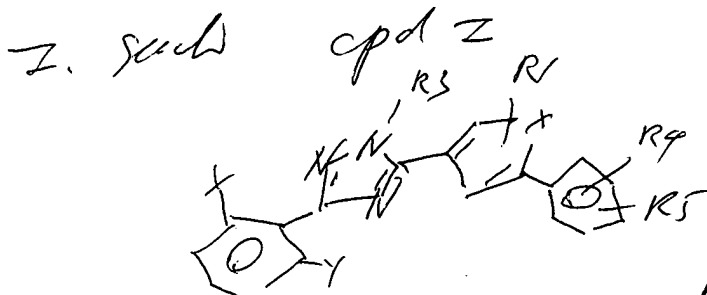
 Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc., if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Insecticidal 3-(2,6-disubstituted phenyl)-5-

Inventors (please provide full names): Hegde et al

Earliest Priority Filing Date: _____

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.



R1, R2, X, Y are
 sub.

X is O or S.

II method of use of cpd 2

STAFF USE ONLY

Searcher: Am
 Searcher Phone #: 22504
 Searcher Location: _____
 Date Searcher Picked Up: 2/26
 Date Completed: 2/24
 Searcher Prep & Review Time: _____
 Clerical Prep Time: 15
 On-line Time: 5 10

Type of Search

NA Sequence (#) _____
 AA Sequence (#) _____
 Structure (#) ☒
 Bibliographic _____
 Litigation _____
 Fulltext _____
 Patent Family _____
 Other _____

Vendors and cost where applicable

STN ☒
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 Questel/Orbit _____
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 Lexis Nexis _____
 Sequence Systems _____
 WWW Internet _____
 Other (specify) _____

=> fil reg

FILE 'REGISTRY' ENTERED AT 18:09:15 ON 26 FEB 2004

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STRUCTURE FILE UPDATES: 25 FEB 2004 HIGHEST RN 654632-96-9

DICTIONARY FILE UPDATES: 25 FEB 2004 HIGHEST RN 654632-96-9

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

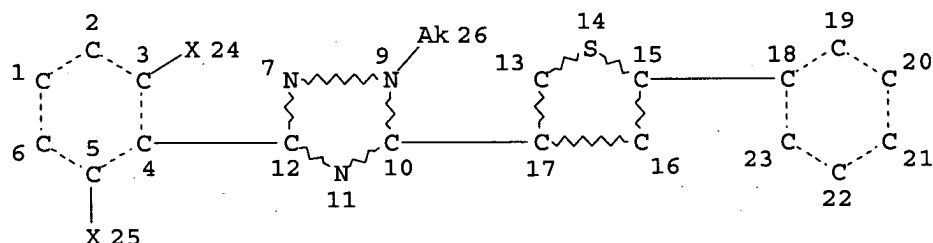
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> d sta que 15

L1 STR



NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 25

STEREO ATTRIBUTES: NONE

L5 95 SEA FILE=REGISTRY SSS FUL L1

100.0% PROCESSED 170 ITERATIONS

95 ANSWERS

SEARCH TIME: 00.00.01

=> d his 15-

(FILE 'REGISTRY' ENTERED AT 18:04:45 ON 26 FEB 2004)

L5 95 S L1 FUL

SAV L5 SHIAO664/A TEMP

FILE 'HCAOLD' ENTERED AT 18:08:42 ON 26 FEB 2004

L6 0 S L5

FILE 'HCAPLUS' ENTERED AT 18:08:45 ON 26 FEB 2004

L7 1 S L5

FILE 'USPATFULL, USPAT2' ENTERED AT 18:08:56 ON 26 FEB 2004

L8 1 S L5

FILE 'REGISTRY' ENTERED AT 18:09:15 ON 26 FEB 2004

=> fil hcaplus

FILE 'HCAPLUS' ENTERED AT 18:09:22 ON 26 FEB 2004

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FILE COVERS 1907 - 26 Feb 2004 VOL 140 ISS 9

FILE LAST UPDATED: 25 Feb 2004 (20040225/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d l7 all fhitr

L7 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2004 ACS on STN

AN 2003:242328 HCAPLUS

DN 138:271686

ED Entered STN: 28 Mar 2003

TI Preparation of insecticidal 3-(2,6-disubstituted phenyl)-5-[4-(or 5-)arylthien-2-(or 3)yl]-1,2,4-triazoles

IN Hegde, Vidyadhar Babu; Bis, Scott Jerome; Yap, Maurice Chee Hoong; Perreault, Denise Marie; Tisdell, F. Gene; Dintenfass, Leonard Paul; Dripps, James Edwin; Gifford, James Michael; Guenthenspberger, Katherine Anne; Karr, Laura Lee; Schoonover, Joe Raymond

PA Dow Agrosiences LLC Patent Department, USA

SO PCT Int. Appl., 103 pp.

CODEN: PIXXD2

DT Patent

LA English

IC ICM C07D409-00

ICS C07D409-14

CC 28-10 (Heterocyclic Compounds (More Than One Hetero Atom))

Section cross-reference(s): 5

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003024961	A1	20030327	WO 2002-US29197	20020913

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,

CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG

US 2003134748 A1 20030717 US 2002-244124 20020913
PRAI US 2001-322236P P 20010914
OS MARPAT 138:271686
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The title triazoles [I; Q = II-IV; X, Y = Cl, F; R1, R2 = H, alkyl, halo
(provided that when Q = II or IV, then R1 and R2 are not both H); R3 =
alkyl; R4 = halo, alkyl, alkoxy, etc.; R5 = H, halo or alkyl ether or
haloalkyl ether, which when taken together with R4, form a 5-6 membered
ring containing 1 or 2 oxygen atoms] which are effective in controlling
lepidoptera, coleoptera, mites and other sucking pests, were prepared Thus,
coupling of 4-(F3CO)C6H4B(OH)2 with the triazole V (preparation given) in the
presence of Na2CO3, P(o-tolyl)3 and PdCl2(PPh3)2 in MeCN afforded 43% VI
which showed 90-100% control against two-spotted spider mite at 2.5 ppm.

ST phenylarylthienyltriazole prepn insecticide pesticide; triazole phenyl
arylthienyl prepn insecticide pesticide

IT Insecticides
(preparation of insecticidal 3-(2,6-disubstituted phenyl)-5-[4-(or
5-)arylthien-2-(or 3)-yl]-1,2,4-triazoles)

IT Coleoptera
Lepidoptera
Mite and Tick
Pesticides
(preparation of insecticidal 3-(2,6-disubstituted phenyl)-5-[4-(or
5-)arylthien-2-(or 3)-yl]-1,2,4-triazoles for controlling lepidoptera,
coleoptera, mites and other sucking pests)

IT 503307-51-5P 503307-64-0P 503308-32-5P
503308-39-2P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); RCT
(Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP
(Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of insecticidal 3-(2,6-disubstituted phenyl)-5-[4-(or
5-)arylthien-2-(or 3)-yl]-1,2,4-triazoles)

IT 503307-43-5P 503307-44-6P 503307-45-7P
503307-46-8P 503307-47-9P 503307-48-0P
503307-49-1P 503307-50-4P 503307-52-6P
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503308-91-6P 503308-92-7P 503308-93-8P
503308-94-9P 503308-95-0P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of insecticidal 3-(2,6-disubstituted phenyl)-5-[4-(or 5-)arylthien-2-(or 3)-yl]-1,2,4-triazoles)

IT 107-08-4, 1-Iodopropane 116-15-4, Hexafluoropropene 6629-60-3,
Ethylhydrazine oxalate 25015-63-8 68834-05-9, 4-(1,1,2,2-Tetrafluoroethoxy)bromobenzene 78071-30-4, 4-Methylthiophene-3-carboxylic acid 139301-27-2, 4-Trifluoromethoxybenzeneboronic acid 153562-66-4, Ethyl 3-chlorothiophene-2-carboxylate 168971-68-4, 4-Bromo-3-fluoro-1-(trifluoromethoxy)benzene 264257-61-6 503309-13-5
503309-14-6 503309-15-7

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of insecticidal 3-(2,6-disubstituted phenyl)-5-[4-(or 5-)arylthien-2-(or 3)-yl]-1,2,4-triazoles)

IT 352535-96-7P 503308-96-1P 503308-97-2P 503308-98-3P 503308-99-4P
503309-00-0P 503309-01-1P 503309-02-2P 503309-03-3P 503309-04-4P
503309-05-5P 503309-06-6P 503309-07-7P 503309-08-8P 503309-09-9P
503309-10-2P 503309-11-3P 503309-12-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of insecticidal 3-(2,6-disubstituted phenyl)-5-[4-(or 5-)arylthien-2-(or 3)-yl]-1,2,4-triazoles)

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD

RE

- (1) Dow Agrosiences Llc; WO 0024735 A 2000 HCAPLUS
- (2) Dow Agrosiences Llc; WO 0024737 A 2000 HCAPLUS
- (3) Tisdell, F; US 6015826 A 2000 HCAPLUS

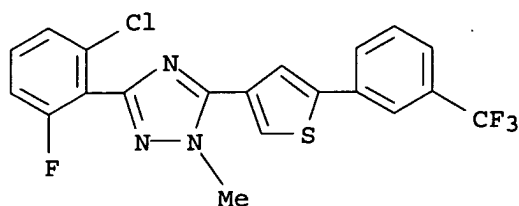
IT 503307-51-5P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of insecticidal 3-(2,6-disubstituted phenyl)-5-[4-(or 5-)arylthien-2-(or 3)-yl]-1,2,4-triazoles)

RN 503307-51-5 HCAPLUS

CN 1H-1,2,4-Triazole, 3-(2-chloro-6-fluorophenyl)-1-methyl-5-[5-[3-(trifluoromethyl)phenyl]-3-thienyl]- (9CI) (CA INDEX NAME)



=> fil uspatall

FILE 'USPATFULL' ENTERED AT 18:09:29 ON 26 FEB 2004

CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 18:09:29 ON 26 FEB 2004

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=> d bib abs hitrn fhitrstr l8

L8 ANSWER 1 OF 1 USPATFULL on STN

AN 2003:194937 USPATFULL

TI Insecticidal 3-(2,6-disubstituted phenyl)-5-[4- or 5-arylthien-2- or -3-yl]-1,2,4-triazoles

IN Hegde, Vidyadhar Babu, Carmel, IN, UNITED STATES

Bis, Scott Jerome, Midland, MI, UNITED STATES

Yap, Maurice Chee Hoong, Zionsville, IN, UNITED STATES

Perreault, Denise Marie, Indianapolis, IN, UNITED STATES

Tisdell, Francis Eugene, Carmel, IN, UNITED STATES

Dintenfass, Leonard Paul, Indianapolis, IN, UNITED STATES

Dripps, James Edwin, Carmel, IN, UNITED STATES

Gifford, James Michael, Lebanon, IN, UNITED STATES

Guenthenspberger, Katherine Anne, Daleville, IN, UNITED STATES

Karr, Laura Lee, Lebanon, IN, UNITED STATES

Schoonover, Joe Raymond, Brownsburg, IN, UNITED STATES

PI US 2003134748 A1 20030717

AI US 2002-244124 A1 20020913 (10)

PRAI US 2001-322236P 20010914 (60)

DT Utility

FS APPLICATION

LREP DOW AGROSCIENCES LLC, 9330 ZIONSVILLE RD, INDIANAPOLIS, IN, 46268

CLMN Number of Claims: 30

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 2009

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Triazole compounds having a 2,6-disubstituted-phenyl group in the 3-position, arylthien-2- or -3-yl in the 5-position and an alkyl group in the 1-position are effective in controlling lepidoptera, coleoptera, mites and other sucking pests.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 503307-51-5P 503307-64-0P 503308-32-5P

503308-39-2P

(preparation of insecticidal 3-(2,6-disubstituted phenyl)-5-[4-(or 5-)arylthien-2-(or 3)-yl]-1,2,4-triazoles)

IT 503307-43-5P 503307-44-6P 503307-45-7P

503307-46-8P 503307-47-9P 503307-48-0P

503307-49-1P 503307-50-4P 503307-52-6P

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 503308-88-1P 503308-89-2P 503308-90-5P
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(preparation of insecticidal 3-(2,6-disubstituted phenyl)-5-[4-(or 5-)arylthien-2-(or 3)-yl]-1,2,4-triazoles)

IT 503309-14-6

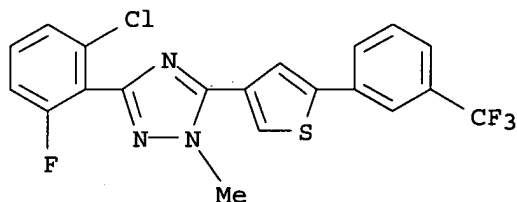
(preparation of insecticidal 3-(2,6-disubstituted phenyl)-5-[4-(or 5-)arylthien-2-(or 3)-yl]-1,2,4-triazoles)

IT 503307-51-5P

(preparation of insecticidal 3-(2,6-disubstituted phenyl)-5-[4-(or 5-)arylthien-2-(or 3)-yl]-1,2,4-triazoles)

RN 503307-51-5 USPATFULL

CN 1H-1,2,4-Triazole, 3-(2-chloro-6-fluorophenyl)-1-methyl-5-[5-[3-(trifluoromethyl)phenyl]-3-thienyl]- (9CI) (CA INDEX NAME)



=> fil reg

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DICTIONARY FILE UPDATES: 25 FEB 2004 HIGHEST RN 654632-96-9

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

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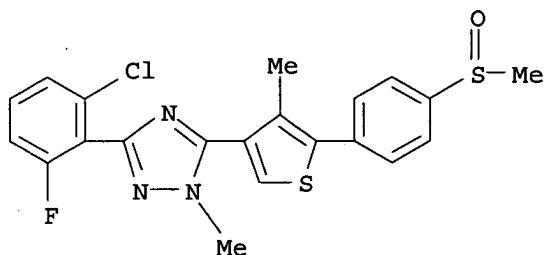
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

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L5 ANSWER 1 OF 95 REGISTRY COPYRIGHT 2004 ACS on STN
RN 503309-14-6 REGISTRY
CN 1H-1,2,4-Triazole, 3-(2-chloro-6-fluorophenyl)-1-methyl-5-[4-methyl-5-[4-(methylsulfinyl)phenyl]-3-thienyl]- (9CI) (CA INDEX NAME)
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MF C21 H17 Cl F N3 O S2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

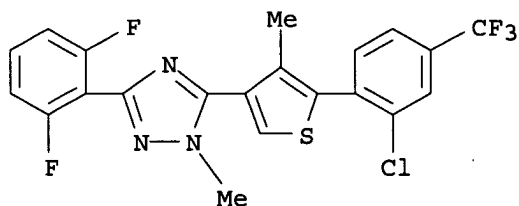


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 138:271686

L5 ANSWER 5 OF 95 REGISTRY COPYRIGHT 2004 ACS on STN
RN 503308-90-5 REGISTRY
CN 1H-1,2,4-Triazole, 5-[5-[2-chloro-4-(trifluoromethyl)phenyl]-4-methyl-3-thienyl]-3-(2,6-difluorophenyl)-1-methyl- (9CI) (CA INDEX NAME)
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MF C21 H13 Cl F5 N3 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



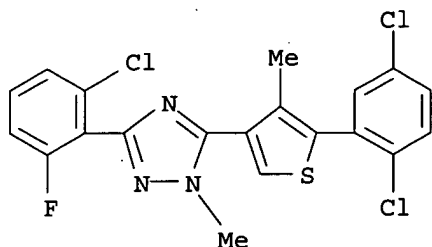
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1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 138:271686

L5 ANSWER 10 OF 95 REGISTRY COPYRIGHT 2004 ACS on STN
RN 503308-85-8 REGISTRY
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LC STN Files: CA, CAPLUS, USPATFULL

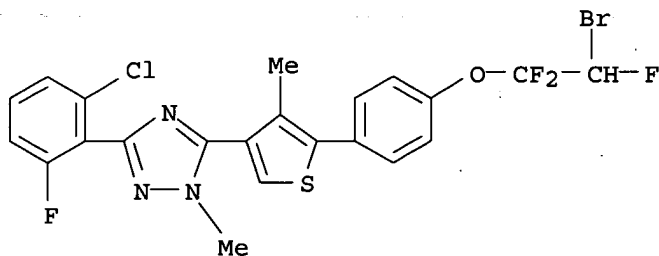


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REFERENCE 1: 138:271686

L5 ANSWER 15 OF 95 REGISTRY COPYRIGHT 2004 ACS on STN
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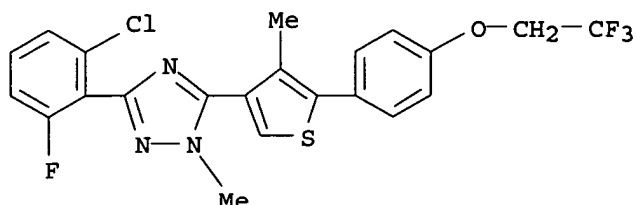
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 138:271686

L5 ANSWER 20 OF 95 REGISTRY COPYRIGHT 2004 ACS on STN

RN 503308-43-8 REGISTRY
 CN 1H-1,2,4-Triazole, 3-(2-chloro-6-fluorophenyl)-1-methyl-5-[4-methyl-5-[4-(2,2,2-trifluoroethoxy)phenyl]-3-thienyl]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C22 H16 Cl F4 N3 O S
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

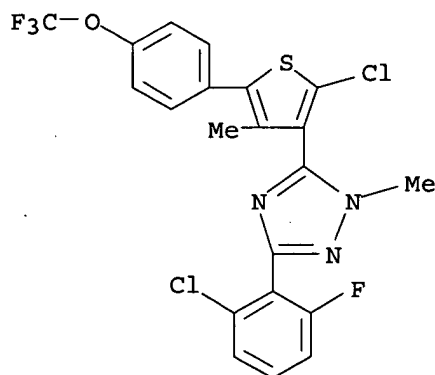


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 138:271686

L5 ANSWER 25 OF 95 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 503308-36-9 REGISTRY
 CN 1H-1,2,4-Triazole, 3-(2-chloro-6-fluorophenyl)-5-[2-chloro-4-methyl-5-[4-(trifluoromethoxy)phenyl]-3-thienyl]-1-methyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C21 H13 Cl2 F4 N3 O S
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL



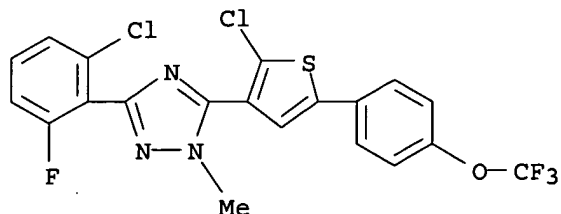
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 138:271686

L5 ANSWER 30 OF 95 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 503308-31-4 REGISTRY
 CN 1H-1,2,4-Triazole, 3-(2-chloro-6-fluorophenyl)-5-[2-chloro-5-[4-(trifluoromethoxy)phenyl]-3-thienyl]-1-methyl- (9CI) (CA INDEX NAME)

FS 3D CONCORD
 MF C20 H11 Cl2 F4 N3 O S
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

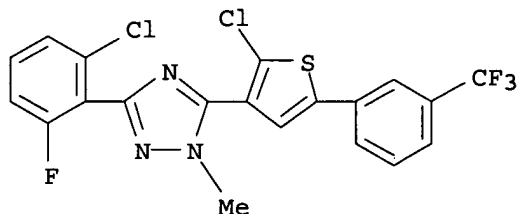


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 138:271686

L5 ANSWER 35 OF 95 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 503308-26-7 REGISTRY
 CN 1H-1,2,4-Triazole, 3-(2-chloro-6-fluorophenyl)-5-[2-chloro-5-[3-(trifluoromethyl)phenyl]-3-thienyl]-1-methyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C20 H11 Cl2 F4 N3 S
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

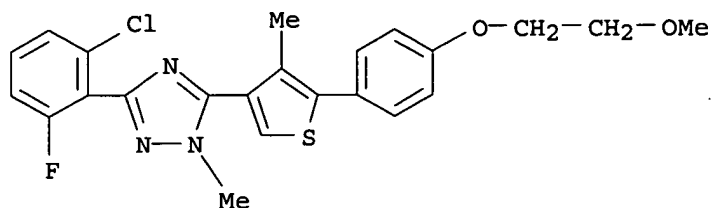


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 138:271686

L5 ANSWER 40 OF 95 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 503307-98-0 REGISTRY
 CN 1H-1,2,4-Triazole, 3-(2-chloro-6-fluorophenyl)-5-[5-[4-(2-methoxyethoxy)phenyl]-4-methyl-3-thienyl]-1-methyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C23 H21 Cl F N3 O2 S
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

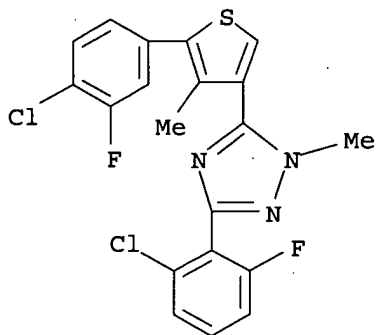


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 138:271686

L5 ANSWER 45 OF 95 REGISTRY COPYRIGHT 2004 ACS on STN
RN 503307-93-5 REGISTRY
CN 1H-1,2,4-Triazole, 3-(2-chloro-6-fluorophenyl)-5-[5-(4-chloro-3-fluorophenyl)-4-methyl-3-thienyl]-1-methyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C20 H13 Cl2 F2 N3 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

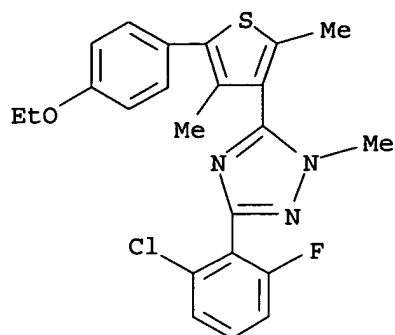


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 138:271686

L5 ANSWER 50 OF 95 REGISTRY COPYRIGHT 2004 ACS on STN
RN 503307-88-8 REGISTRY
CN 1H-1,2,4-Triazole, 3-(2-chloro-6-fluorophenyl)-5-[5-(4-ethoxyphenyl)-2,4-dimethyl-3-thienyl]-1-methyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C23 H21 Cl F N3 O S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

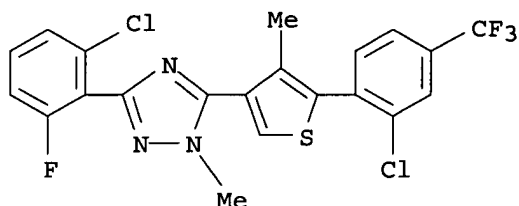


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 138:271686

L5 ANSWER 55 OF 95 REGISTRY COPYRIGHT 2004 ACS on STN
RN 503307-83-3 REGISTRY
CN 1H-1,2,4-Triazole, 3-(2-chloro-6-fluorophenyl)-5-[5-[2-chloro-4-(trifluoromethyl)phenyl]-4-methyl-3-thienyl]-1-methyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C21 H13 Cl2 F4 N3 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

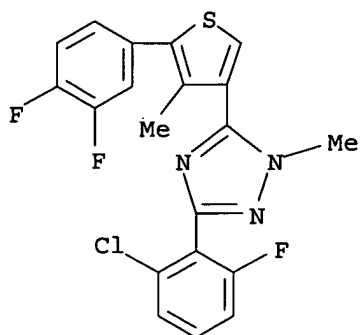


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 138:271686

L5 ANSWER 60 OF 95 REGISTRY COPYRIGHT 2004 ACS on STN
RN 503307-78-6 REGISTRY
CN 1H-1,2,4-Triazole, 3-(2-chloro-6-fluorophenyl)-5-[5-(3,4-difluorophenyl)-4-methyl-3-thienyl]-1-methyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C20 H13 Cl F3 N3 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

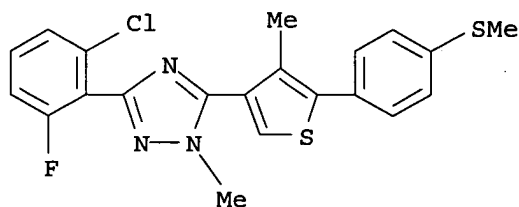


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 138:271686

L5 ANSWER 65 OF 95 REGISTRY COPYRIGHT 2004 ACS on STN
RN 503307-73-1 REGISTRY
CN 1H-1,2,4-Triazole, 3-(2-chloro-6-fluorophenyl)-1-methyl-5-[4-methyl-5-[4-(methylthio)phenyl]-3-thienyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C21 H17 Cl F N3 S2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

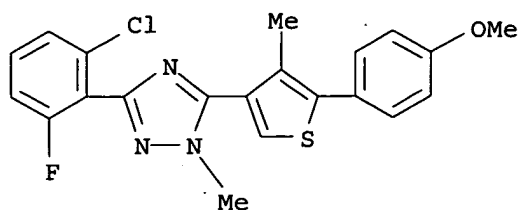


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 138:271686

L5 ANSWER 70 OF 95 REGISTRY COPYRIGHT 2004 ACS on STN
RN 503307-68-4 REGISTRY
CN 1H-1,2,4-Triazole, 3-(2-chloro-6-fluorophenyl)-5-[5-(4-methoxyphenyl)-4-methyl-3-thienyl]-1-methyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C21 H17 Cl F N3 O S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

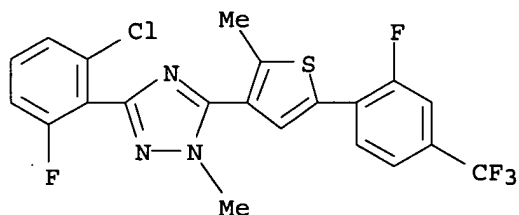


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 138:271686

L5 ANSWER 75 OF 95 REGISTRY COPYRIGHT 2004 ACS on STN
RN 503307-63-9 REGISTRY
CN 1H-1,2,4-Triazole, 3-(2-chloro-6-fluorophenyl)-5-[5-[2-fluoro-4-(trifluoromethyl)phenyl]-2-methyl-3-thienyl]-1-methyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C21 H13 Cl F5 N3 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

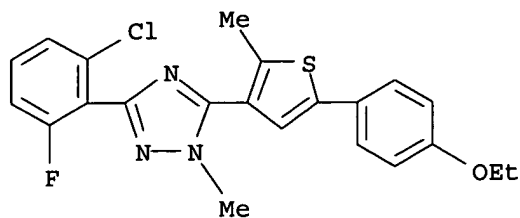


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 138:271686

L5 ANSWER 80 OF 95 REGISTRY COPYRIGHT 2004 ACS on STN
RN 503307-58-2 REGISTRY
CN 1H-1,2,4-Triazole, 3-(2-chloro-6-fluorophenyl)-5-[5-(4-ethoxyphenyl)-2-methyl-3-thienyl]-1-methyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C22 H19 Cl F N3 O S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

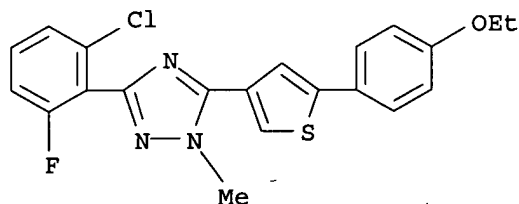


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 138:271686

L5 ANSWER 85 OF 95 REGISTRY COPYRIGHT 2004 ACS on STN
RN 503307-53-7 REGISTRY
CN 1H-1,2,4-Triazole, 3-(2-chloro-6-fluorophenyl)-5-[5-(4-ethoxyphenyl)-3-thienyl]-1-methyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C21 H17 Cl F N3 O S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

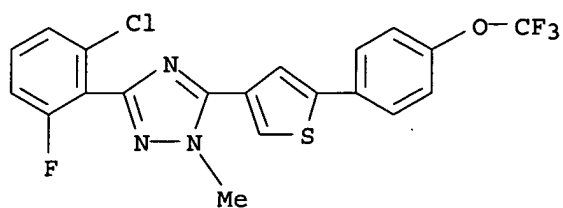


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 138:271686

L5 ANSWER 90 OF 95 REGISTRY COPYRIGHT 2004 ACS on STN
RN 503307-48-0 REGISTRY
CN 1H-1,2,4-Triazole, 3-(2-chloro-6-fluorophenyl)-1-methyl-5-[5-[4-(trifluoromethoxy)phenyl]-3-thienyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C20 H12 Cl F4 N3 O S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

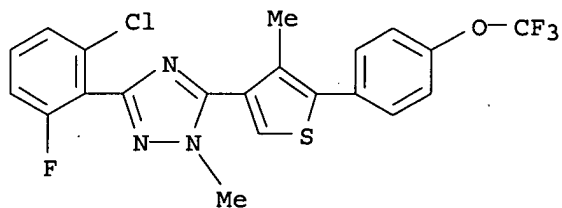


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 138:271686

L5 ANSWER 95 OF 95 REGISTRY COPYRIGHT 2004 ACS on STN
RN 503307-43-5 REGISTRY
CN 1H-1,2,4-Triazole, 3-(2-chloro-6-fluorophenyl)-1-methyl-5-[4-methyl-5-[4-(trifluoromethoxy)phenyl]-3-thienyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C21 H14 Cl F4 N3 O S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 138:271686

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